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Dr. Ing. F. Prangl presented a paper entitled: "Photographic recording of high speed motions of ... and of shock waves by means of high frequency electric sparks." This paper dealt with an experimental method developed at the University of Maryland under the sponsorship and with the financial assistance of AFOSR of AFOSR. The writer contributed a discussion. A paper on the same subject was presented by associates of Dr. Prangl at the 5th International Congress of High Speed Photography in Washington, D.C. on November 18th. Dr. Prangl is the head of an industrial organization, the Dr. Ing. Frank Prangl GmbH in Esslingen, Germany which produces high frequency stroboscopic photographic lighting apparatus and other instruments developed by this firm on the basis of a highly specialized knowledge of optics and high frequency pulse technique. Since Dr. Prangl is presently extending his considerable international expert market to the U.S.A. a few remarks concerning him might be of interest. Born in Deutsch-Wylm, East Prussia, as the son of a surgeon Dr. Prangl studied at the Technical University of Danzig. He chose to be the only student of his physics professor at a time when that professor was boycotted and ostracized by the National-Socialists and he gratefully acknowledges having received the basis of his professional knowledge from his professor in this period of intensive personal training. Dr. Prangl is a dynamic

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personality with aptitudes in management and promotion, equal to or perhaps exceeding his great powers in applied physics (optics and electronic pulse techniques). Dr. Frumgal is the author of a book: *Regulirochniki, Tekhnische, Physikalische Monographie, Akad. Verlagsgesellschaft Gustav Fischer K. G., Leipzig 1960*, which is a combination of a Physics monograph and a how-to-do-it manual. Dr. Frumgal gave it to a Leipzig firm for publication because they offered the right combination of low price and quality workmanship. The first edition of this book was sold out sooner than expected because of an order of 600 copies from U.S.S.R. The second edition is in preparation. Only three copies of the first edition were sold in the U.S.A. According to Frumgal the response to his ideas expressed in a large number of published papers from scientists in U.S.S.R. has been very much more vital and business and scientific contacts with U.S.S.R. research institutions and personalities, (among them are Prof. Karabik and Yezoubov of Leningrad University), have been much more active than with the U.S.A. On the basis of Dr. Frumgal's experience it appears that U.S.S.R. scientists are exceedingly pragmatic in respect to new ideas and possibilities while U.S.A. scientists are hesitant concerning the unconventional until it has been properly related to the established. The Russians, it appears, will take the view with the "bugs", the West hesitates until the "bugs" are eliminated. The writer suspects that Dr. Frumgal's critical comparisons of East and West reactions are slanted because before his present trip to the U.S.A. he has had little direct contact with American colleagues.

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